

ABSTRACT OF THE DISCLOSURE

1 A code-division multiple access power control for paging channel power and initial
2 traffic channel power dynamically determines optimum initial channel power in
3 accordance with pilot signal strength of a pilot signal as received at a mobile station and
4 current forward link loading of the desired sector. The optimum initial paging channel
5 power and initial traffic channel power may be determined either at a base station or a
6 mobile switching center of the mobile communication system. A paging signal or call is
7 transmitted from the base station to the mobile station over a paging channel and a traffic
8 channel at the optimum paging channel and initial traffic channel power.

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